

Table 2.3 Manufacturing Total First Use of Energy for All Purposes, 1998
(Trillion Btu)

NAICS ¹ Code	Major Group	Coal	Coke and Breeze	Natural Gas	Distillate Fuel Oil	LPG and NGL ²	Residual Fuel Oil	Net Electricity ³	Other ⁴	Shipments of Energy Sources ⁵	Total ⁶
311	Food	129	2	568	16	5	14	213	97	0	1,044
312	Beverage and Tobacco Products	29	0	45	2	1	2	24	4	0	108
313	Textile Mills	20	0	103	4	2	12	102	14	0	256
314	Textile Product Mills	3	0	25	Q	(s)	3	18	(s)	0	50
315	Apparel	1	0	23	1	1	2	18	4	0	48
316	Leather and Allied Products	0	0	4	(s)	(s)	(s)	3	(s)	0	8
321	Wood Products	2	0	73	13	4	1	72	343	0	509
322	Paper	277	0	586	9	5	151	240	1,478	0	2,747
323	Printing and Related Support	(s)	0	44	(s)	1	(s)	51	2	0	98
324	Petroleum and Coal Products	12	0	1,007	28	39	72	126	6,082	47	7,320
325	Chemicals	300	7	2,709	10	1,796	98	577	677	110	6,064
326	Plastics and Rubber Products	3	0	126	1	5	5	183	5	0	328
327	Nonmetallic Mineral Products	284	11	444	17	3	4	134	82	0	979
331	Primary Metals	715	437	933	9	3	30	545	82	192	2,560
332	Fabricated Metal Products	3	3	241	6	5	2	176	10	0	445
333	Machinery	6	0	99	3	3	1	96	7	0	217
334	Computer and Electronic Products	(s)	0	64	1	(s)	1	137	1	0	205
335	Electrical Equipment, Appliances, and Components	1	(s)	53	1	2	1	55	30	0	143
336	Transportation Equipment	29	1	212	15	4	5	195	31	0	492
337	Furniture and Related Products	2	0	27	1	1	(s)	30	28	0	88
339	Miscellaneous	(s)	0	40	2	1	1	40	4	0	89
—	Total Manufacturing	1,814	461	7,426	142	1,882	406	3,035	8,980	349	23,796

¹ The Standard Industrial Classification (SIC) system has been replaced by the North American Industry Classification System (NAICS).

² Liquefied petroleum gases and natural gas liquids.

³ "Net Electricity" is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It excludes electricity generated from combustible fuels.

⁴ Includes all other types of energy that respondents indicated were consumed.

⁵ Energy sources produced onsite from the use of other energy sources but sold or transferred to another entity.

⁶ The sum of net electricity, residual and distillate fuel oil, natural gas, liquefied petroleum gas, natural gas liquids, coal, coke and breeze, and other, minus shipments of energy sources.

(s)=Less than 0.5 trillion Btu. Q=Data withheld because the relative standard error was greater than 50 percent.

Notes: • "First Use" was "Primary Consumption" in previous releases of this table. The estimates are for the first use of energy for heat and power and as feedstocks or raw material inputs. First use is defined as the consumption of the energy that was originally produced offsite or was produced onsite from input materials not classified as energy. • Totals may not equal sum of components due to independent rounding.

Web Page: <http://www.eia.doe.gov/emeu/mecs>.

Source: Energy Information Administration, Form EIA-846, "1998 Manufacturing Energy Consumption Survey."